PATENT COOPERATION TREATY

From the INTERNATIONAL SEARCHING AUTHORITY

To: GAL EHRLICH G. E. EHRLICH (1995) LTD. 11 MENACHEM BEGIN STREET 52 521 RAMAT GAN ISRAEL FILE NO. 2612 G.E. EHRLICH (1995)	PCT NOTIFICATION OF TRANSMITTAL OF THE INTERNATIONAL SEARCH REPORT OR THE DECLARATION (PCT Rule 44.1) Date of Mailing (day/month/year)
Applicant's or agent's file reference	(day/month/year) 18 M AR 2004
26137	FOR FURTHER ACTION See paragraphs 1 and 4 below
International application No. PCT/IL03/00917	International filing date (day/month/year)
	04 November 2003 (04.11.2003)
Applicant V-TARGET TECHNOLOGIES LTD.	
1. The applicant is hereby notified that the international search Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the claimant when? The time limit for filing such amendments is international search report. Where? Directly to the International Bureau of WIPO 1211 Geneva 20, Switzerland, Facsimile No.: For more detailed instructions, see the notes on the account of the search of the searc	ims of the international application (see Rule 46): normally two months from the date of transmittal of the , 34, chemin des Colombettes ; (41-22) 740.14.35
 .	
2. The applicant is hereby notified that no international search Article 17(2)(a) to that effect is transmitted herewith.	report will be established and that the declaration under
3. With regard to the protest against payment of (an) additi-	onal fee(s) under Rule 40.2, the applicant is notified that:
	n transmitted to the International Bureau together with the rotest and the decision thereon to the designated Offices.
	realit will be notified as soon as a decision is made.
applicant wishes to avoid or postpone publication, a notice of wi	I application will be published by the International Bureau. If the ithdrawal of the international application, or of the priority claim, and 90 bis.3, respectively, before the completion of the technical
examination must be filed if the applicant wishes to postpone the	some designated Offices, a demand for international preliminary e entry into the national phase until 30 months from the priority within 20 months from the priority date, perform the prescribed es.
In respect of other designated Offices, the time limit of 30 months	s (or later) will apply even if no demand is filed within 19 months.
See the Annex to Form PCT/IB/301 and, for details about the <i>Guide</i> , Volume II, National Chapters and the WIPO Internet site.	applicable time limits, Office by Office, see the PCT Applicant's
Name and mailing address of the ISA/US	Authorized officer
Mail Stop PCT, Attn: ISA/US Commissioner for Patents	OTILIA GABOR
P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Telephone No. (703) 308-0956

Form PCT/ISA/220 (April 2002)

(See notes on accompanying sheet)

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00917

Box III	TEXT OF THE	ABSTRACT	(Continuation of	of Item	5 of the	first sheet)

The technical features mentioned in the abstract do not include a reference sign between parentheses (PCT Rule 8.1(d)).

NEW ABSTRACT

Imaging apparatus (10) is provided, comprising a first device, for obtaining a first image, by a first modality, selected from the group consisting of SPECT, PET, CT, an extracorporeal gamma scan, an extracorporeal beta scan, x-rays, an intracorporeal gamma scan, an intracorporeal beta scan, an intracorporeal gamma scan, an intravascular beta scan, and a combination thereof, and a second modality, selected from the group consisting of a three-dimensional ultrasound, an MRI operative by an internal magnetic field, an extracorporeal ultrasound, an extracorporeal MRI operative by an external magnetic field, an intravascular ultrasound, and a combination thereof, and wherein the apparatus (10) further includes a computerized system (50), configured to construct an attenuation map, for the first image, based on the second, structural image. Additionally, the computerized system (50) is configured to display an attenuation corrected first image as well as a superposition of the attenuation-corrected first image and the second, structural image. Furthermore, the apparatus is operative to guide an in-vivo instrument based on superposition.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00917

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A. CL. IPC(7)	ASSIFICATION OF SUBJECT MATTER : G06F 3/00		
US CL	: 250/363.02; 600/407		
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U.S. :	locumentation searched (classification system followed 250/363.02, 363.01, 363.03, 363.04, 363.05, 363.08,	363.1; 600/407, 425, 431, 436	
Documental NONE	tion searched other than minimum documentation to th	e extent that such documents are included i	n the fields searched
Electronic of Please See	data base consulted during the international search (nar Continuation Sheet	ne of data base and, where practicable, sea	rch terms used)
C. DOO	CUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where	appropriate, of the relevant passages	Relevant to claim No.
X	US 6,205,347 B1 (MORGAN et al) 20 March 2001		1-7, 27-32
	9; Figure 1.	, ,	
Y			8-26
X,P	US 6,614,453 B1 (SURI et al) 02 September 2003 (Figure 2.	(02.09.2003), see abstract; Column 4;	8-14
Y,P	Tigute 2.		1-7, 15-39
X,P	US 6,592,520 B1 (PESZYNSKI et al.) 15 July 200	3 (15.07.2003), see Columns 24-26;	43-45
Y,P	Figure 1.		15-26, 33-39, 41, 42
X,P	US 6,587,710 B1 (WAINER) 01 July 2003 (01.07.	2003), see Columns 7-10; Figure 5.	40-42
Y,P	,		33-39
Y,P	US 6,628,983 B1 (GAGNON) 30 September 2003 (16; Figure 1.	(30.09.2003), see abstract; Columns 11-	1-45
Furthe	r documents are listed in the continuation of Box C.	See patent family annex.	
	Special categories of cited documents:	"T" later document published after the inte-	mational filing date or prioring
"A" documen	at defining the general state of the art which is not considered to be	date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the
1	oplication or patent published on or after the international filing date	"X" document of particular relevance; the considered novel or cannot be considered	
	t which may throw doubts on priority claim(s) or which is cited to the publication date of another citation or other special reason (as	"Y" document of particular relevance; the considered to involve an inventive step	
"O" document	t referring to an oral disclosure, use, exhibition or other means	combined with one or more other such being obvious to a person skilled in the	documents, such combination
	t published prior to the international filing date but later than the late claimed	"&" document member of the same patent f	amily
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	ailing address of the ISA/US	Authorized officer	
	il Stop PCT, Attn: ISA/US nmissioner for Patents	OTILIA GABOR	
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	xandria, Virginia 22313-1450 . (703) 305-3230	Telephone No. (703) 308-0956	W. 00
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orm rC1/13 <i>P</i>	vzio (secona sheet) (july 1998)		

PCT/IL03/0091*	

INTERNATIONAL SEARCH REPORT

Category *	Citation of document, with indication, where appropriate and the	
Y	Citation of document, with indication, where appropriate, of the relevant passages US 5,243,988 A (SIEBEN et al) 14 September 1993 (14.09.1993), see abstract; Figure 1.	Relevant to claim N
A,P	US 6.628 984 B2 (WEINBERG) 20 Second 1	40-45
A	US 6,628,984 B2 (WEINBERG) 30 September 2003 (30.09.2003), see entire disclosure.	1-45
А	US 6,346,706 B1 (ROGERS et al) 12 February 2002 (12.02.2002), see entire disclosure.	1-45
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NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under Article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article," "Rule" and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only.

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Preliminary Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When? Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How? Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Administrative Instructions, Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.